Remarks

The Examiner has indicated that the reply mailed November 13, 2003 was not fully responsive. The Examiner requested that applicants provide a list of claims that read on the elected species and that applicants reaffirm their election of Group III.

Applicants reaffirm Group III claims (i.e., claims 7-20, 23-36 and 42-44) for further prosecution. This election is made expressly without waiver of applicants' right to file divisional or continuing applications directed to the inventions of the claims in the non-elected Groups and claiming priority and benefit from this application under 35 U.S.C. § 120.

Applicants intend to request rejoinder of claims 1-6, 37 and corresponding dependent claims with the elected group if and when any of the Group III claims are found allowable.

Accordingly, applicants have not canceled these claims.

The Examiner has also requested that applicants provide a list of claims that read on the elected species. Applicants have made the required election as follows:

Subgroup	Species	Election	Claims readable thereon
1	species of	single	7-9, 42-44
	nucleic acid	stranded	
2	species of what nucleic acid	FR1	10-17
	encodes		
3	species of	lupus	18-19
	autoimmune		
	disease		
4	species of	blood cells	20
	isolated cells		
5	species of	no	7-9, 42-44
	amplification	amplification	
6	species of	55°C	23-25
*	temperature		
7	species of	20 bases	26-27, 32
	single-stranded		
	oligonucleotide		
	length		
8	species of	55°C	23-25
	temperature		
9	species of	MslI	28-29
	restriction		
	endonuclease		
10	species of length	7 bases	34
	of single-		
	stranded region		
	of double stranded		
11	oligonucleotide species of	nhago	7-9, 42-44
1 11	genetic package	phage	1-9, 42-44
	Aemento backade		

Should the Examiner feel that a telephone conference with applicants' representatives would assist the Examiner, he is invited to telephone the undersigned at any time.

Applicants request favorable consideration and early allowance

of the pending claims.

Respectfully submitted,

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